

Title (en)

EFFICIENT ENCODING AND DECODING OF MULTI-CHANNEL AUDIO SIGNAL WITH MULTIPLE SUBSTREAMS

Title (de)

EFFIZIENTE CODIERUNG UND DECODIERUNG EINES MEHRKANALIGEN TONSIGNALS MIT MEHREREN TEILSTRÖMEN

Title (fr)

CODAGE ET DÉCODAGE EFFICACES D'UN SIGNAL AUDIO MULTICANAL COMPRENANT PLUSIEURS SOUS-FLUX

Publication

EP 2850613 B1 20170816 (EN)

Application

EP 13726928 A 20130514

Priority

- US 201261647226 P 20120515
- US 2013040919 W 20130514

Abstract (en)

[origin: WO2013173314A1] The present document relates to audio encoding/decoding. In particular, the present document relates to a method and system for improving the quality of encoded multi-channel audio signals. An audio encoder configured to encode a multi-channel audio signal according to a total available data-rate is described. The multi-channel audio signal is representable as a basic group (121) of channels for rendering the multi-channel audio signal in accordance to a basic channel configuration, and as an extension group (122) of channels, which - in combination with the basic group (122) - is for rendering the multi-channel audio signal in accordance to an extended channel configuration. The basic channel configuration and the extended channel configuration are different from one another.

IPC 8 full level

G10L 19/008 (2013.01); **G10L 19/032** (2013.01); **G10L 19/24** (2013.01); **H04S 3/00** (2006.01)

CPC (source: EP US)

G10L 19/008 (2013.01 - EP US); **G10L 19/032** (2013.01 - EP US); **H04S 3/008** (2013.01 - EP US); **G10L 19/24** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013173314 A1 20131121; AR 091042 A1 20141230; CN 104285253 A 20150114; CN 104285253 B 20170517; EP 2850613 A1 20150325; EP 2850613 B1 20170816; ES 2641390 T3 20171108; HK 1201371 A1 20150828; JP 2015520872 A 20150723; JP 6133408 B2 20170524; TW 201405548 A 20140201; TW I505262 B 20151021; US 2015131800 A1 20150514; US 9779738 B2 20171003

DOCDB simple family (application)

US 2013040919 W 20130514; AR P130101660 A 20130514; CN 201380025178 A 20130514; EP 13726928 A 20130514; ES 13726928 T 20130514; HK 15101374 A 20150206; JP 2015511810 A 20130514; TW 102114404 A 20130423; US 201314398967 A 20130514